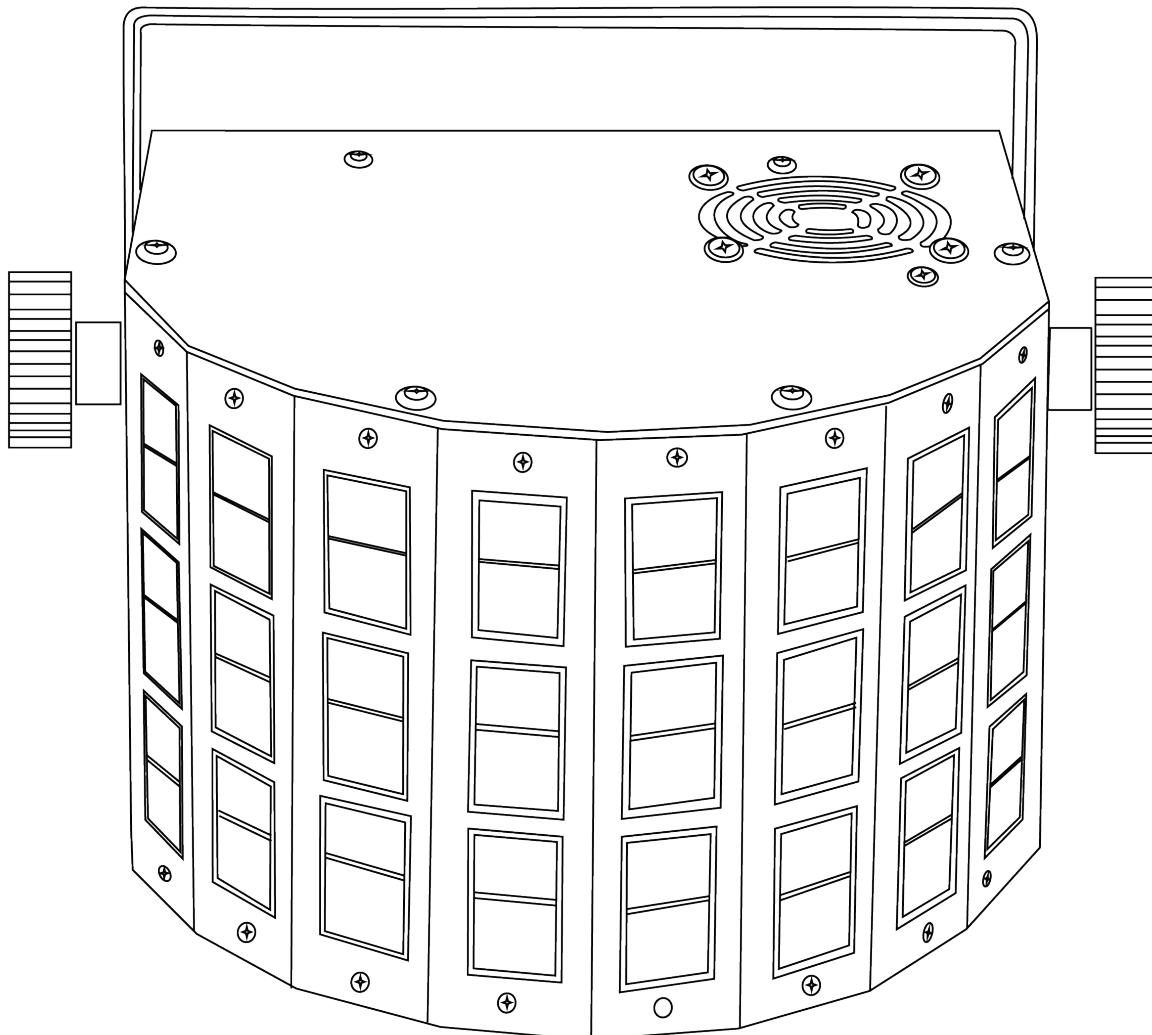


MINI KINTA™

User Manual



CHAUVENT®
Value • Innovation • Performance
It's
Green Thinking.™

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1. BEFORE YOU BEGIN

What Is Included

- Mini Kinta™
- Power Cord
- Warranty Card
- Quick Reference Guide

Unpacking Instructions

Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not CHAUVET®. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with CHAUVET® within 7 days of delivery.

Text Conventions

Text	Convention	Meaning
	1~512	A range of values
	50/60	A set of values of which only one can be chosen
	Settings	A menu option not to be modified
	Menu > Settings	A sequence of menu options to be followed
	<ENTER>	A key to be pressed on the product's control panel
	ON	A value to be entered or selected

Symbols

Symbols	Symbol	Meaning
		Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
		Important installation or configuration information. The product may not function correctly if this information is not used.
		Useful information.

Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. CHAUVET® assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. Download the latest version from www.chauvetlighting.com.

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Author	Date	Editor	Updated
A. Leon	9/20/12	S. Diaz	1/10/13

Product at a Glance	Use on Dimmer	🚫	Auto Programs	✓
	Outdoor Use	🚫	Auto-ranging Power Supply	✓
	Sound-Activated	✓	Replaceable Fuse	✓
	DMX	✓	User-Serviceable	🚫
	Master/Slave	✓	Duty Cycle	🚫

Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.



- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the product from power by pulling or tugging on the cord.
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.



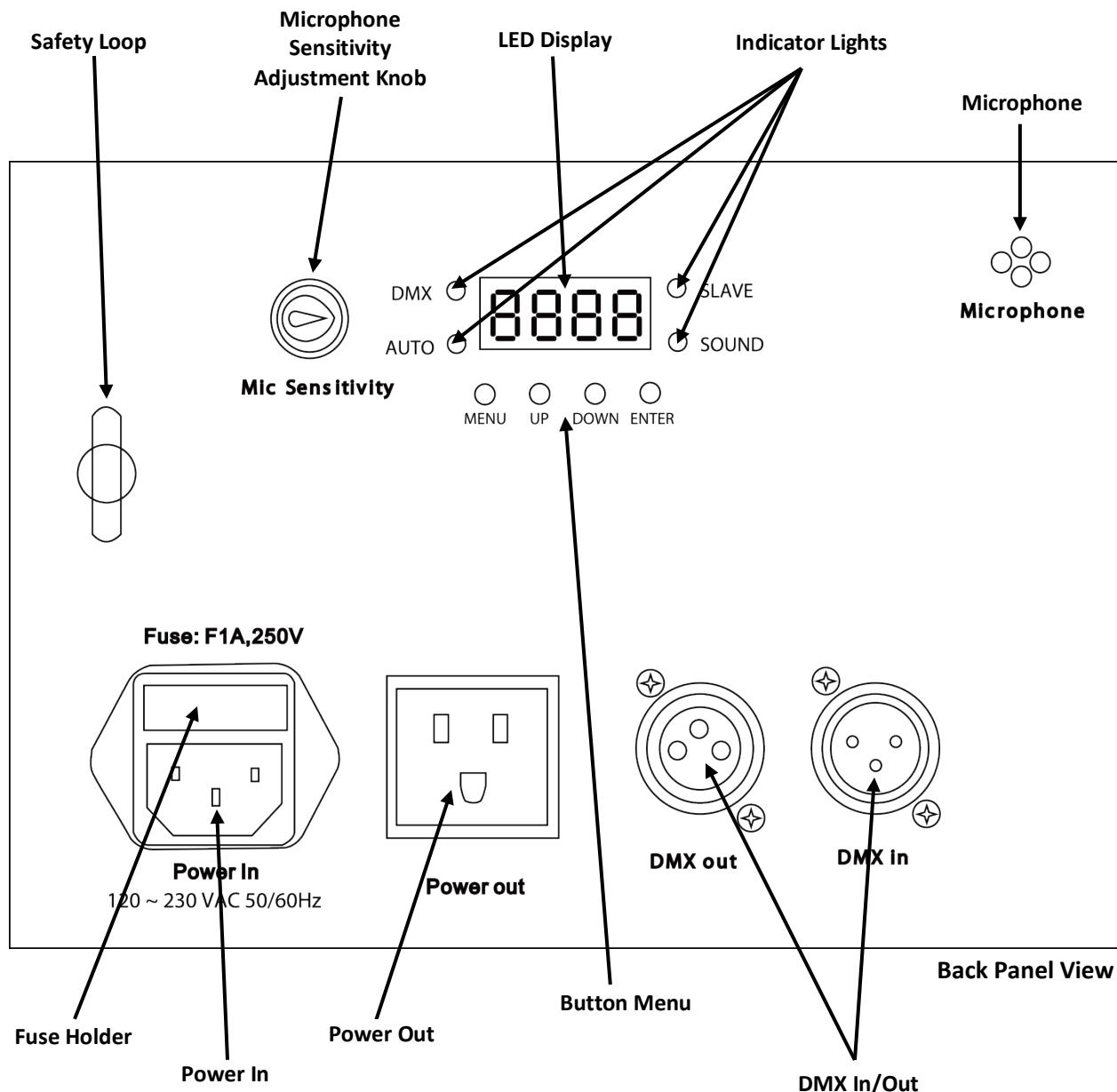
- Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Never connect the product to a dimmer.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product from the power cord or any moving part. Always use the hanging/mounting brackets.
- The maximum ambient temperature (Ta) is 104° F (40° C). Do not operate the product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Contact the nearest authorized technical assistance center.
- This product is not intended for permanent installation.



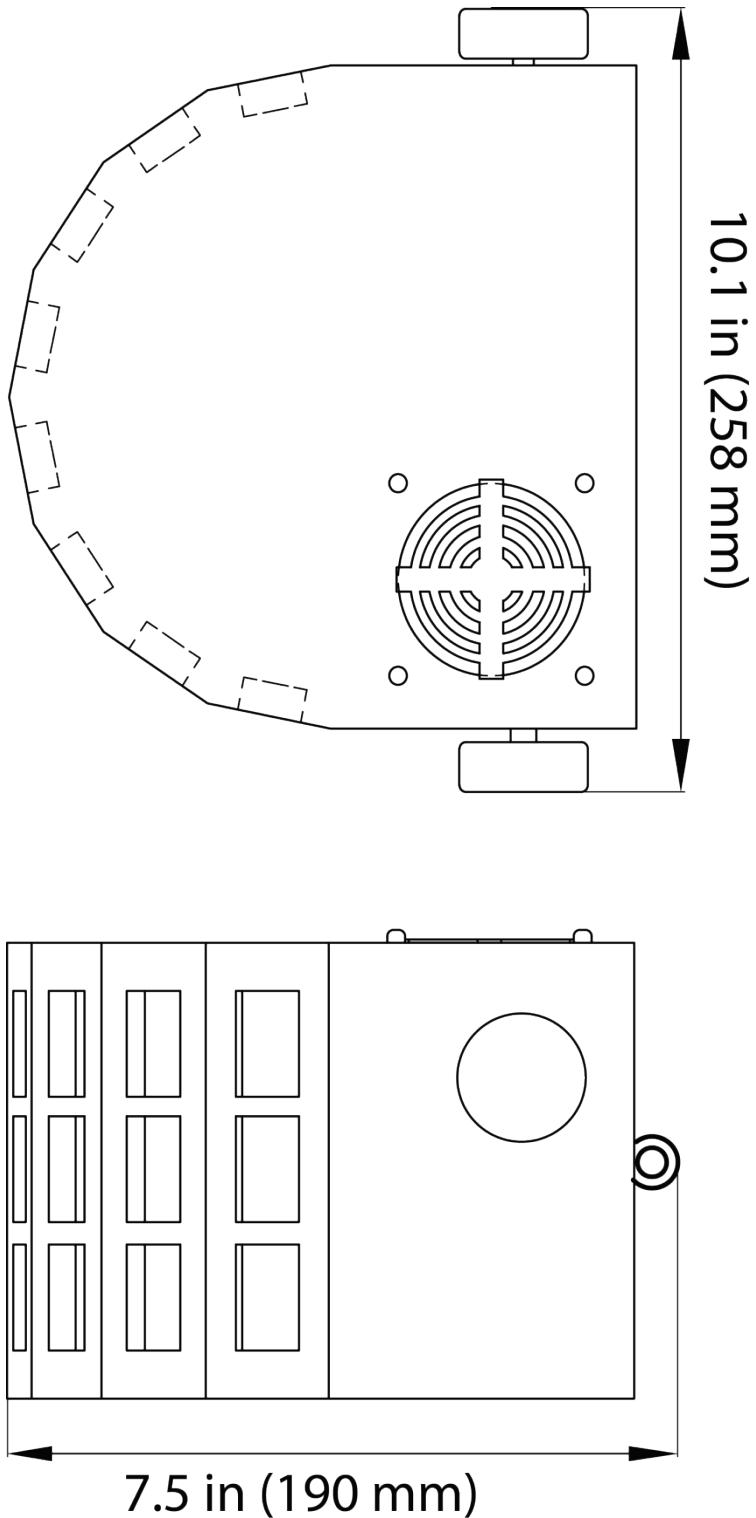
- Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

2. INTRODUCTION

Overview



Dimensions



3. SETUP

AC Power

The Mini Kinta™ has an auto-ranging power supply and it can work with an input voltage range of 100~240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.



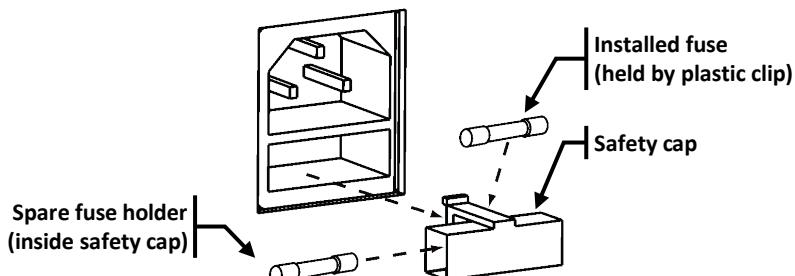
Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0~100% switch.

Fuse Replacement



Disconnect the product from power before replacing the fuse.

1. Disconnect the product from power.
2. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
3. Pry the fuse holder out of the housing.
4. Remove the blown fuse from the holder.
5. Replace with a fuse of the exact same type and rating.
6. Insert the fuse holder back in place and reconnect power.

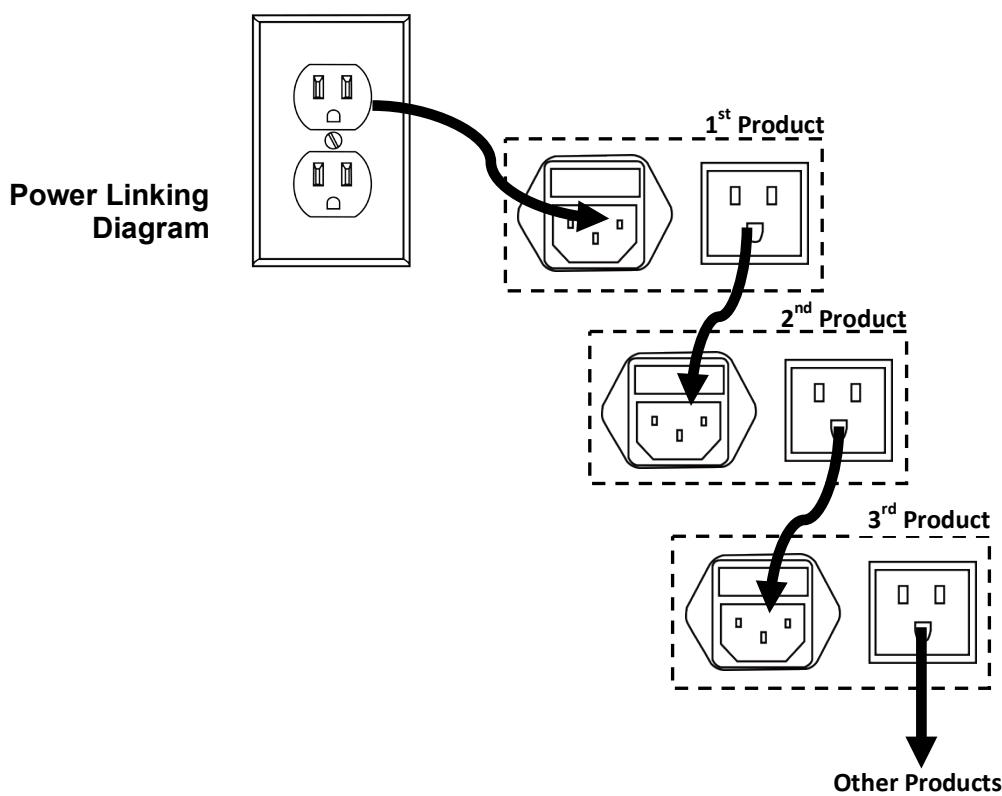
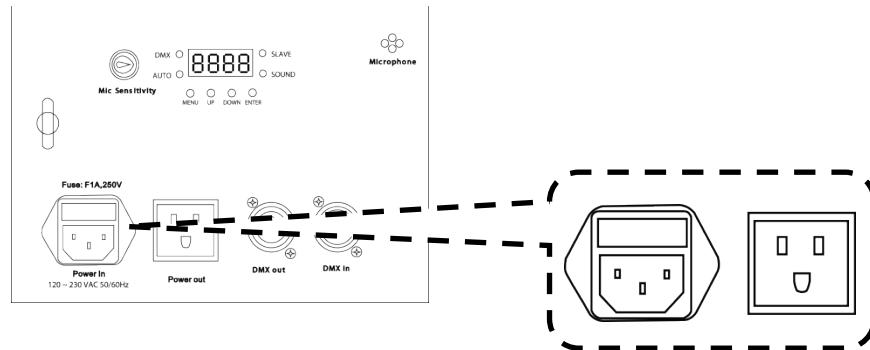


A spare fuse is not included; however, the safety cap has room for a spare.



Always replace a blown fuse with the same type and rating.

Power Linking The product provides power linking via the IEC outlet located in the back of the unit.



You can power link up to 26 Mini Kinta™ units on 120 VAC or up to 53 Mini Kinta™ units on 230 VAC.



The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, you must consult with the local CHAUVET® distributor as power linking connectors and requirements may differ in your country or region.

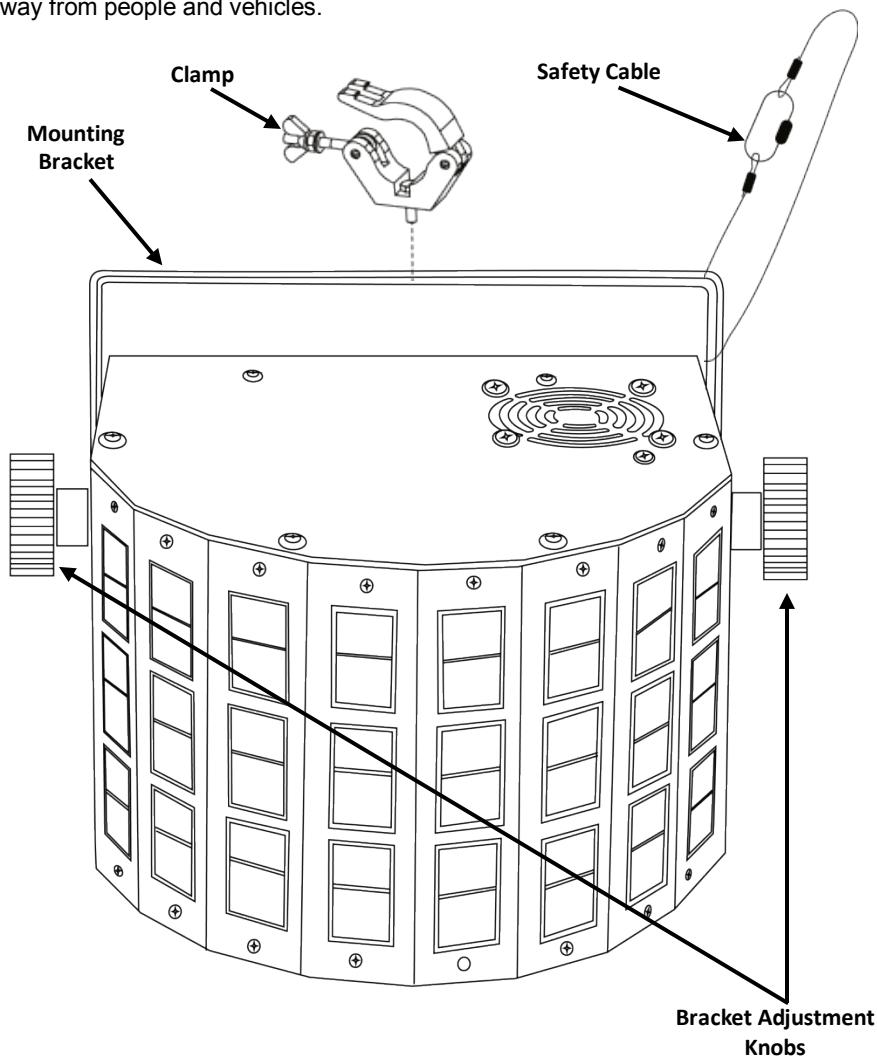
Mounting Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes.

Orientation The Mini Kinta™ may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- Before deciding on a location, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the [Technical Specifications](#)).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity. The bracket has two 13-mm holes, which are appropriate for this purpose.
- When power linking multiple products, you must always consider the length of the power linking cable and mount the products close enough for the cable to reach.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.

Mounting Diagram



4. OPERATION

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display.

Button	Function	
<MENU>	Selects an operation mode or backs out of the current menu option	
<UP>	Scrolls up the list of options or selects a higher value	
<DOWN>	Scrolls down the list of options or selects a lower value	
<ENTER>	Activates a menu option or a selected value	

Menu Map

Mode	Programming Steps		Description
DMX Mode	Addr	A001~A512	Selects the DMX starting address
Slave Mode	SLnd	SL-1~SL-2	Selects slave mode (1 or 2)
Auto/Sound Mode	Auto	Aut	Preset automatic show with sound-active mode
Color Control & Strobe	CoLo	r000~r255 G000~G255 b000~b255 U000~U255	Adjusts individual colors (red, green, blue, white) 0~100%
		Str1~Str3	Strobe at three preset speeds (slow to fast)
LEDs on/off	LEd	on	Turns LEDs on or off
		oFF	
Display Inversion	diSP	dSiP	Inverts Display
Software Version	uEr	u1	Shows currently installed software version

Configuration (DMX)

Set the product in DMX mode to control with a DMX controller.

1. Connect the product to a suitable power outlet.
2. Turn the product on.
3. Connect a DMX cable from the DMX output of the DMX controller to the DMX input socket on the product.

Starting Address

When selecting a starting DMX address, always consider the number of DMX channels the selected DMX mode uses. If you choose a starting address that is too high, you could restrict the access to some of the product's channels.

The Mini Kinta™ uses up to 3 DMX channels in 3-CH DMX mode, which defines the highest configurable address to **510**.

If unfamiliar with DMX, download the DMX Primer from www.chauvetlighting.com.

To select the starting address, do the following:

1. Press <MENU> repeatedly until **Addr** shows on the display.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select the starting address.
4. Press <ENTER>.

DMX Channel Modes, Assignments, and Values

3-CH	Channel	Function	Value	Setting
1	Control/Operating Mode		000 ⇄ 005	No function
			006 ⇄ 020	Red
			021 ⇄ 035	Green
			036 ⇄ 050	Blue
			051 ⇄ 065	White
			066 ⇄ 080	Red/Green
			081 ⇄ 095	Red/Blue
			096 ⇄ 110	Red/White
			111 ⇄ 125	Green/Blue
			126 ⇄ 140	Green/White
			141 ⇄ 155	Blue/White
			156 ⇄ 170	Red/Green/Blue
			171 ⇄ 185	Red/Green/White
			186 ⇄ 200	Green/Blue/White
			201 ⇄ 215	Red/Green/Blue/White
			216 ⇄ 230	Automatic (4-color chase)
			231 ⇄ 255	Automatic (7-color chase)
2	Strobe		000 ⇄ 005 006 ⇄ 255	No strobe Strobe (slow~fast)
3	Motor Rotation		000 001 ⇄ 127 128 ⇄ 255	No function Motor indexing Motor speed (bi-directional)

Configuration (Standalone) Set the product in one of the standalone modes to control without a DMX controller.

1. Connect the product to a suitable power outlet.
2. Turn the product on.



Never connect a product that is operating in any standalone mode (either Static, Automatic, or Sound) to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Automatic/Sound- To enable the automatic show with sound-active mode, follow the instructions below:

Active Mode

1. Press **<MENU>** repeatedly until **Auto** shows on the display.
2. Press **<ENTER>** and **Aut** shows on the display.
3. Turn the music on and adjust the microphone sensitivity knob until the product responds to the beat of the music.



The product will only respond to low frequencies of music (bass and drums).

Color Control and Strobe

To control the color and strobe, follow the instructions below:

1. Press **<MENU>** repeatedly until **CoLo** shows on the display.
2. Press **<ENTER>** repeatedly until **rXXX** (red), **GXXX** (green), **bXXX** (blue), or **uXXX** (white) shows on the display.
3. Use **<UP>** or **<DOWN>** to select the desired color value (**000~255**).

NOTE: Select **000** to turn the color off.

4. Press **<ENTER>** to select the color value and go to the next color.
5. Repeat steps 3 and 4 for each subsequent color and its value.
6. Press **<ENTER>** repeatedly to select the strobe speed **Str1~Str3** (slow~fast).

Master/Slave Mode The Master/Slave mode allows a single Mini Kinta™ unit (the “master”) to control the actions of one or more Mini Kinta™ units (the “slaves”) without the need of a DMX controller. The master unit will be set to operate in auto/sound mode, while the slave units will be set to operate in slave mode. Once set and connected, the slave units will operate in unison with the master unit.

Configure the units as indicated below.

Slave units:

1. Press <MENU> repeatedly until **SLnd** shows on the display.
2. Press <ENTER> to accept and **SL-1** or **SL-2** shows on the display.
3. If not already showing on the display, press <UP> or <DOWN> to select **SL-1**.
4. Press <ENTER>.
5. Set the **DMX address** to **001**.
6. Connect the DMX input of the first slave unit to the DMX output of the master unit.
7. Connect the DMX input of the subsequent slave units to the DMX output of the previous slave unit.
8. Finish setting and connecting all the slave units.

Master unit:

1. Set the master unit to operate in auto/sound mode.
 2. Make the master unit the first unit in the DMX daisy chain.
- **Configure all the slave units before connecting the master unit to the DMX daisy chain.**
 - **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master unit.**
 - **Do not connect more than 31 slave units to the master unit.**



5. TECHNICAL INFORMATION

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and mechanical wear. To maintain optimum performance and minimize wear, clean the product at least twice a month. However, usage and environmental conditions contribute to increased cleaning frequency.

To clean the product, follow the instructions below:

- Unplug the product from power.
- Wait until the product is at room temperature.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
- Clean all glass surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
- Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
- Softly wipe any dirt or grime to the outside edges of the glass surfaces.
- Gently polish the glass surfaces until they are free of haze and lint.



Always dry the glass surfaces carefully after cleaning them.



Do not spin the cooling fan using compressed air because you could damage it.

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight	Length 7.5 in (190 mm)	Width 10.1 in (258 mm)	Height 7.2 in (182 mm)	Weight 4.4 lbs (2.0 kg)		
Note: Dimensions in inches rounded to the nearest decimal digit.						
Power	Power Supply Type Switching (internal)	Range 100~240 V, 50/60 Hz	Voltage Selection Auto-ranging			
	Parameter	120 V, 60 Hz	230 V, 50 Hz			
	Consumption	19 W	25 W			
	Operating/Inrush current	0.2 A/0.2 A	0.1 A/0.1 A			
	Power linking current (units)	8 A (26 units)	8 A (53 units)			
	Fuse	F 1 A, 250 V	F 1 A, 250 V			
	Power I/O	US/Worldwide	UK/Europe			
	Power input connector	IEC	IEC			
	Power output connector	Edison	IEC			
	Power Cord plug	Edison (US)	Local plug			
Light Source	Type LED	Power 3 W	Lifespan 50,000 hours			
	Color	Quantity	Current			
	Red	1	730 mA			
	Green	1	730 mA			
	Blue	1	730 mA			
	White	1	730 mA			
Photo Optic	Parameter					
	Coverage angle					
	135°					
Thermal	Maximum External Temp. 104° F (40° C)	Cooling System Fan				
DMX	I/O Connectors 3-pin XLR	Connector Type XLR	Channel Range 3			
Ordering	Product Name Mini Kinta™	Item Code 07050597	UPC Number 781462209452			

RoHS



To return a product or request support:

- In the U.S., contact CHAUVET® World Headquarters.
- In the UK or Ireland, contact CHAUVET® Europe Ltd.
- In any other country, DO NOT contact CHAUVET®. Contact your distributor. See www.chauvetlighting.com for distributors outside the U.S., United Kingdom, or Ireland.



If you live outside the U.S., United Kingdom, or Ireland, contact your distributor of record and follow their instructions on how to return CHAUVET® products to them. Visit our website for contact details.

Returns

Call the corresponding CHAUVET® Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. CHAUVET® will not issue call tags.

Clearly label the package with the RMA number. CHAUVET® will refuse any product returned without an RMA number.



Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- The RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.



CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Contact Us

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 577-4455
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support

Voice: (954) 577-4455 (Press 4)
Fax: (954) 756-8015
Email: tech@chauvetlighting.com

World Wide Web

www.chauvetlighting.com

United Kingdom & Ireland

CHAUVET® Europe Ltd.

General Information

Address: Unit 1C
Brookhill Road Industrial Estate
Pinxton, Nottingham, UK
NG16 6NT
Voice: +44 (0)1773 511115
Fax: +44 (0)1773 511110

Technical Support

Email: uktech@chauvetlighting.com

World Wide Web

www.chauvetlighting.co.uk